THE BOTANICAL EXCHANGE CLUB OF THE BRITISH ISLES.

NOTES ON THE PLANTS GATHERED IN 1881.

EDITED BY

F. ARNOLD LEES, M.R.C.S., L.R.C.P., F.L.S.

Thalictrum flavum, L., vars. Seavy Carr and Potteric Carr, Doncaster, W. Yorks., July, 1881.—F. A. LEES. "The Seavy Carr specimen is probably var. *sphærocarpum* from the great breadth of the leaflets, but uncertain from the achenes being converted into galls, as so often occurs in Thalictra. Dr. J. A. Power sent Perthshire specimens of *Thalictrum flexuosum?* affected in this way, to the chief authority on Galls, Mr. E. A. Tetch, Brick House, Maldon, Essex, who said they were produced by a Dipterous fly belonging to the genus *Cecidomya;* but the species could not be determined as the galls were empty. They should be sent before they are pierced by the exit of the fly. The peculiar appearance of the Potteric Carr specimen is doubtless caused by some injury to the main stem."—J. T. Boswell.

Ranunculus penicillatus, Fr., Ditch by Colne, Rickmansworth, Herts, June, 1881.—E. DE CRESPIGNY.

Ranunculus diversifolius a. *radians*, Hiern. Pools near Coleshill, Warwick, 21st June, 1881.—J. E. BAGNALL. "A name quite unintelligible to me. This is not *radians*, Rev., neither I think of Hiern. It is a common form of *heterophyllus*."—C. C. Babington.

Ranunculus trichophyllus, Chaix., and *R. radians*, Revel. Pond at Floors, Roxburgh, June and July, 1879. To shew that these are the same plant at different ages, see B. E. C. Reps., 1875-6-9.—A. BROTHERSTON. "I have no doubt *trichophyllus*, *radians*, and *Godronii*, of British authors, are merely states of one plant and interchangeable. Grisebach, in the posthumous fragment, "Flora Europea," refers *Ranunculus Godronii* to *Ranunculus ololeucos*, Lloyd, which as well as *Ranunculus Petiveri*, K.; and *Ranunculus confusus*, Godr., he includes under *Ranunculus triphyllos*, Wallr."—J. T. Boswell.

Ranunculus triphyllos, Wallr. Ditches near Coventry, Warwick, July, 1881.—J. E. BAGNALL. "No. A form of *heterophyllus*. What is 'Lon. Cat.' I do not know."—C. C. Babington. "I cannot distinguish from ordinary *heterophyllus*, as I understand it."—J. G. Baker. "This is *Ranunculus heterophyllus*, Fries, E. B., ed. III., with glabrous or sub-glabrous achenes."—J. T. Boswell.

Ranunculus confusus, E.B. Brading Harbour mud flats, Isle of Wight, 9th July, 1881.—C. BAILEY. "Correct. London Cat. is most misleading in Batrachians."—C. C. Babington. "Probably the plant of E.B., ed. III., though the specimens sent have the stamens longer than in the Duddingston Loch plant, which I had in view when describing for E.B., ed. III; but according to Grisebach, *R. confusus*, Godr., belongs to *R. triphyllos*, Wallr."—J. T. Boswell.

Fumaria Boræi, Jord. Rosebank and Hendersyde, Roxburgh, very common in the district, July and August, 1877.—A. BROTHERSTON. Waste Ground, 1st July, 1881, Great Malvern, Worcester.—F. TOWNSEND. King's Acre, Herefordshire, 3rd October, 1881.—A. LEY. "The Rev. A. Ley's plant is, I think, *Jordani*."—C. C. Babington. "Mr. Ley's plant seems to me a large flowered form of *F. confusa*, Jord."—J. T. Boswell.

Fumaria confusa, Jord. Hedge, Ballingham, Hereford, 27th July, 1881.—A. LEY. Ludford, near Ludlow, Salop, 7th October, 1881.—A. LEY. Newlyn, Cornwall.—E. G. VARENNE. "I call Mr. Ley's specimen *muralis*."—C. C. Babington.

Fumaria Vaillantii, Loisel. Odiham, Hants.—B. KING.

Fumaria parviflora, Lam. Mongewell, Oxon.—B. KING.

Bunias orientalis, L. (in frt.). By Paddington Canal, Sudbury, Middlesex, August, 1881.—E. de CRESPIGNY.—Ballast Hills, Hartlepool, Durham.—F. A. LEES.

Brassica Napus, L. Fields near Ventnor, Isle of Wight.—T. BUTLER. "Correctly named."—J. T. Boswell.

Brassica Rapa, L. var. *sylvestris*. River bank, Sellack, Hereford, 28th July, 1881.—A. LEY.

Brassica Briggsii, Wats. Cult. fields, Penzance, Cornwall, August and September, 1881.—E. G. VARENNE.

Brassica Cheiranthus, Vill. Made embankment of road, Wetherby, Yorks., June, 1881.—F. A. LEES.

Diplotaxis tenuifolia, DC. Old Walls, Southampton.—J. E. SUNDERLAND.

Sisymbrium austriacum, Jacq. Rubbish heap, Kew, Surrey, June, 1881.—J. G. BAKER.

Cardamine pratensis, double form. Meadows about Dawlish, Devon, June, 1881.—R. L. BAKER.

Barbarea intermedia, Boreau. Pasture field, Bishop Auckland, Durham, May, 1881.—J. P. SOUTTER.

Armoracia rusticana, Bab. Meole Brace, Shrewsbury. Sent as examples that the plant does not bear seed here, June, 1881.—T. BUTLER.

Draba muralis, L. var.? Stain-moor, North Yorkshire.—F. A. LEES. "More hairy than usual."—J. T. Boswell.

Alyssum incanum, L. By Paddington Canal, Sudbury, Middlesex.—E. DE CRESPIGNY.

Camelina sativa, Cr. Shore between Brighton and Shoreham, Sussex, September, 1880.—E. DE CRESPIGNY. Var. *sylvestris*. Cornfields, Flamborough Head, S. E. Yorks.—F. A. LEES. "I cannot call this anything but ordinary *C. sativa*, with the fruit smaller than usual. *C. sylvestris* is a much more pubescent plant, with more rigid pedicels."—J. T. Boswell.

Capsella B.-pastoris, L. var. *rubella*, Reuter. On the gravel in front of outfall buildings, Erith, Kent, August, 1881.—E. DE CRESPIGNY.

Viola permixta, Jord. var. *sepincola*. Root from Merstham, cultivated at Croydon for three years.—A. BENNETT.

Viola Curtisii, Forst. Sandy heath, Aberffraw, W. Anglesea, 24th September, 1881.—C. BAILEY.

Drosera obovata, M. et K. Loch Maree side, West Ross.—G. C. DRUCE. *D. obovata*, M. et K., side of Loch Coulin, West Ross "Is not this worthy of specific distinction? Locally abundant there, and in the Crowe of Kintail and Glen Shiel. Not seen east of watershed. In all cases *anglica* and *rotundifolia* present, but in first locality the last-named was not very near. The plant was in profuse flower, and, as far as I could see, ripened its seed. Professor Lawson tells me it is more abundant in many districts of Skye than either *anglica* or *rotundifolia*."—G. C. DRUCE. "The specimens I have seen have the fruit abortive, so I believe in the theory of hybridity. The only way to be certain would be to raise it from seed, if perfect seeds could be obtainep."—J. T. Boswell.

Lychnis alpina, L. Hobcarten Crag, Cumberland, 1880, and 1881.—W. B. WATERFALL. A. LEY.

Cerastium latifolium, Sm. v. *compactum*. Creag-na-dal-beag.—South Aberdeen, 14th July, 1876. A. LEY. "This is the plant of E.B., ed. III."—J. T. Boswell.

Spergula vulgaris, Bönn. Honily, near Warwick, 20th August, 1881.—R. L. BAKER. Serlby, near Bawtry, Lincolnshire, August, 1881.—G. WEBSTER. "Both correctly named."—J. T. Boswell.

Hypericum dubium, var. *maculatum*, Leers. St. Weonard's, Hereford, 20th July, 1881.—A. LEY. Hill Wootton, Warwick, July, 1881.—R. L. BAKER and H. BROMWICH.

Hypericum hircinum, L. Roadside hedge, Bonchurch, Isle of Wight, August, 1881.—R. L. BAKER.

Geranium sanguineum, b. *prostratum*. Shingle of Biggar bank, Walney Isle, N.W. Lancashire, 9th June, 1881.—C. BAILEY. Var. c. *lancastriense*. Walney Island, 9th June, 1881.—C. BAILEY, and July, 1881.—E. A. LOMAX.

Acer campestre, L. var. *hebecarpum*, DC. Purley, near Croydon, Surrey, September, 1881.—A. BENNETT.

Ononis arvensis, var. b. *repens*. Sandbanks, Mounts' Bay, and also Sennen Green, Cornwall, August, 1881.—E. G. VARENNE.

Trifolium sp. Surrey side of Thames, between Kew and Richmond. J. G. BAKER. "I would name this a very luxuriant form of *T. aureum*, Poll."—J. T. Boswell.

Alchemilla vulgaris, b. *montana*. St. Weonard's, Hereford, 28th May, 1881.—A. LEY. Pastures, Wroxhall, Warwick, 8th June, 1881. R. L. BAKER. April, 1881.—H. BROMWICH. "This (St. Weonard's specimen) I should call typical *vulgaris*."—J. G. Baker. "I do not think that either of the specimens sent ought to be separated from the type of the species."—C. C. Babington. "No doubt (for plants from both stations), a plant of this brought from Houghton, Orkney, and cultivated in Balmuto garden, has become nearly glabrous, quite like the ordinary state of *A. vulgaris*."—J. T. Boswell.

Alchemilla conjuncta, Bab. Root from Cumberland, from Rev. R. Wood; Hort, Croydon.—A. BENNETT. "No doubt the true plant which should be looked for in Cumberland. But, if I am not mistaken, Mr. Wood's plant was from his garden, though he believed he had brought it from the hills. I find that true *A. alpina* dies in the open ground without ripening its seeds, while *A. conjuncta* grows luxuriantly and seeds freely."—J. T. Boswell.

Rubus hemistemon, Müll. Quarry near Berkswell, Warwick, June and August, 1881.—J. E. BAGNALL.

Rubus Lindleianus, Lees. Hedge, Wavertree, S.W. Lancashire, 20th September, 1880.—J. H. LEWIS. "Apparently correct."—C. C. Babington.

Rubus 'latifolius,' Bab. Sprowston, Norfolk.—E. F. LINTON. "Certainly not. No growing shoot sent: therefore a useless specimen."—C. C. Babington.

Rubus adscitus, Weihe. Between Chudleigh and Hadleigh Hall, South Devon, 1st Sept., 1881.—W. M. ROGERS. "No, a form of *discolor*."—C. C. Babington.

Rubus Salteri, Bab. Wooded lane near Walesby railway crossing, N. Lincoln, September, 1877.—F. A. LEES.

Rubus Borreri, Bell-Salt. Near Warslow and Elkstone, Stafford, October, 1881.—W. H. PURCHAS. "Correct."—C. C. Babington.

Rubus Sprengelii, Weihe. Sprowston, Norfolk.—E. F. LINTON. "Is, I think, *Borreri;* not the true *Sprengelii*."—C. C. Babington.

Rubus sp. Between Warslow and Elkstone, N. Staffordshire, 13th October, 1881. Growing with *R. Borreri*, and resembling it in the barren stem, but differing in the panicle.—W. H. PURCHAS. "Seems to be *rubicolor*, Blox."—C. C. Babington.

Rubus sp. The '*R. Bloxamii*,' of 'Flora of Plymouth,' but probably a distinct bramble. (See Fl. Plym., p. 122). Vale near Combe, between Weston Mills and Honicknowle, S. Devon.—T. R. A. BRIGGS. "I have this plant from Mr. Briggs, but have not ventured to name it, nor can I now."—C. C. Babington.

Rubus Purchasii, Blox. Alstonfield, Staffordshire, August, 1881. W. H. PURCHAS.

Rubus mutabilis, Genev. Roadside, Crabtree, S. Devon, 12th July, 1881.—T. R. A. BRIGGS.

Rubus Lejeunii, Weihe. Canonteigh Down, S. Devon.—W. M. ROGERS. Oldbury, Warwick, 8th Aug., 1881.—J. E. BAGNALL. Sprowston, Norfolk.—E. F. LINTON. "Mr. Linton's plant is *rosaceus*, but not a good specimen. That of Mr. Rogers is apparently true *Lejeunii*."—C. C. Babington.

Rubus pyramidalis, Bab. Near Lustleigh and Moreton Road, South Devon, 13th Aug., 1881.—W. M. ROGERS. Wood borders, near Eaton Bishop, Hereford, 6th Sept., 1876.—A. LEY. "Yes."—C. C. Babington.

Rubus Guntheri, Weihe. East Lynn Valley, near Ilford Bridges, S. Devon.—W. M. ROGERS. "No, very close to *R. dentatus*, Blox."—C. C. Babington.

Rubus humifusus, Weihe. Sprowston, Norfolk.—E. F. LINTON. "Seems to be *emersistylus*, but a very bad specimen. If correct, very interesting from its locality."—C. C. Babington.

Rubus corylifolius, var. c. *purpureus*. Near Cemetery, Shrewsbury.—W. A. LEIGHTON. "Correct."—C. C. Babington.

Rubus cæsius, var. *agrestis*. Sandhills, Blundell, S.W. Lanc., 20th Sept., 1880.—J. H. LEWIS. "Is b. *tenuis*."—C. C. Babington.

Rubus spectabilis, Pursh. Abundantly naturalised in a wood between Hythe and Westhanger, Kent, 13th June, 1881. Native of North America.—J. COSMO MELVILL. "This is naturalised in many places in Arran, but I do not know whether there is a printed record of the fact."—J. T. Boswell.

In reporting upon the brambles generally, Professor Babington writes:—"Very few of these *Rubi* are either good specimens or well preserved. More care should be taken if *Rubi* are to be named accurately."

Rosa '*cuspidatoides*, Crepin.' Heiton, Roxburgh.—A. BROTHERSTON. "Appears to come nearest *cuspidatoides*, Crepin, but the armature of the fruit is more like some of the *mollissima* forms."—J. Groves. "I think a glandular variety of *mollis*, with less tomentum than usual."—J. G. Baker.

Rosa tomentosa, Sm. Hedge between Knotter Mill and Leigh (frt.), and between Kingsmill and Landulp (flower), East Cornwall. This represents what M. Déséglise considers "le vrai *R. tomentosa*, Sm."—T. R. A. BRIGGS.

Rosa tomentosa, var. '*scabriuscula*.' Near Sleaford, S. Lincoln, August, 1881.—G. WEBSTER. "*Scabriuscula*."—J. G. Baker.

Rosa fœtida, Bast. Runsell Lane, near Warwick, 20th August, 1881.—R. L. BAKER. Chesterton Wood, Warwick, July, 1880.—H. BROMWICH. "Dr. Baker's plant I should label *subglobosa*, Bromwich's *scabriuscula*."—J. G. Baker.

Rosa canina, L., var. *surculosa*. Hedges, Orcop and St. Weonards, Hereford, 7th September, 1881.—A. LEY.

Rosa sphærica, Gren. Chetnole, Dorset, frequent, 14th July, 1881, and 3rd October, 1879.—W. M. ROGERS. "No. Try *senticosa*."—J. G. Baker.

Rosa dumetorum, Th. Marston, Oxon.—G. C. DRUCE. "I should call *sphærica*."—J. G. Baker.

Rosa frondosa, Stev.. Chetnole, Dorset, 13th June, 1881. W. M. ROGERS. Near York, August, 1881.—G. WEBSTER. "Rogers' not satisfactory, sepals erect, &c.; but Webster's very good."—J. G. Baker.

Rosa pruinosa, Baker. One mile west of Hawes, N. Yorks., 19th August, 1881.—A. LEY.

Rosa tomentella, Lam. Otmoor, Oxon.—G. C. DRUCE.

Rosa verticillacantha, Merat. Letsworth, Oxon.—G. C. DRUCE

Rosa platyphylla, Rau. Kenilworth, September, 1881.—R. L. BAKER, and H. BROMWICH. "Dr. Baker's good for *obtusifolia*; Bromwich's substantially the same, but fruit more oblong."—J. G. Baker.

Rosa Kosinciana, Bess. Wheatley, Oxon.—G. C. DRUCE.

Rosa pulverulenta, Lindl. Old Park Lane, Warwick, August, 1881.—H. BROMWICH. "*Pulverulenta* is a sweet briar; this a dog rose. Try *subcristata*"—J. G. Baker.

Rosa Watsoni, Baker. Barnes, Kelso, Roxburgh, Sept., 1877.

One of the commonest and most variable forms of *canina* in this district.—A. BROTHERSTON. Staveley, near Boroughbridge, West Yorkshire, Sept., 1881.—G. WEBSTER. "Sepals (of Roxburgh plant) not persistent enough, and leaves not hairy enough to represent *Watsoni*."—J. G. Baker.

Rosa 'celerata,' or near this. Spylaw, Roxburgh, Sept., 1879.—A. BROTHERSTON.

Rosa bibracteata, Bast. Hedgebank, Messing, Essex, 9th July, 1881.—E. G. VARENNE. Near Chudleigh, South Devon, 10th Sept., 1881.—W. M. ROGERS.

Pyrus rupicola, Syme. Dovedale, Derby, June, 1881.—W. H. PURCHAS. Winchbridge, Upper Teesdale, July, 1876.—F. A. LEES. Gaitheugh, Berwick, 26th July, 1877.—A BROTHERSTON. Llanthony, Monmouth, 30th June, 1881.—A LEY. Kents' Bank, North Lancashire, 8th June, 1881.—C. BAILEY. "Mr. Bailey's plant is a form with the leaves broader and more oval than I have seen, though I think it must be referred to *P. rupicola* rather than to *P. eu-Aria*. The specimens from the other localities specified are the ordinary forms of *rupicola*."—J. T. Boswell.

Pyrus latifolia, Syme. Symonds' Yat, August, 1873.—W. H. PURCHAS. Woods near Stanton, Gloster., 28th June, 1881.—A. LEY. "Published by him long since. See his E.B."—C. C. Babington. "The plant I understand by this name."—J. T. Boswell.

Pyrus scandica, Syme. From planted tree at Warslow, N. Stafford.—W. H. PURCHAS. "The plant I understand by this name."—J. T. Boswell.

Pyrus semipinnata. Shrubbery, Auckland Park, South Durham, 2nd June, 1881.—J. P. SOUTTER. "A cultivated variety of *fennica*." C. C. Babington. "I should name this *fennica*."—J. T. Boswell.

Epilobium obscurum, Schreb. Dry stony ground, Brownhill quarry, Plumpton, W. Yorks.—F. A. LEES. "Certainly."—J. T. Boswell.

Epilobium ligulatum, Baker. (*E. obscurum* × *palustre*, Tausch). Filby, Yarmouth, Norfolk, August, 1881.—A. BENNETT. "The stoles are curious."—C. C. Babington. "A remarkable plant; the seeds appear to be perfect, and are those of *E. obscurum*, though the stem is less quadrangular. Unless the stoles approach those of *E. palustre*, I should be inclined to refer it to the very variable *E. obscurum*, rather than to a hybrid."—J. T. Boswell.

Isnardia palustris, L. Lyndhurst, S. Hants, 10th August, 1881. B. KING.

Ribes rubrum, b. *sylvestre*. By river Avon, near Guyscliffe, Warwick, April, 1881.—H. BROMWICH.

Sedum sexangulare, L. Walls at Wych, Gloucester, July, 1881, introduced.—T. B. FLOWER.

Sedum reflexum, L., b. *albescens*. Near Torquay, South Devon, July, 1880.—E. A. LOMAX.

Helosciadium sp. Duddingston Loch, Aug., 1880.—R. WOOD. "Seems to my eyes simply the plant of E. B. plate, a procumbent aquatic form of *nodiflorum*, with stalked umbels mostly lacking the common involucral bracts of *eu-repens*, and quite distinct from the

Skipwith 'line-ponds' plant, of which a few specimens to shew the truly creeping habit have been again sent out this year."—F. A. Lees. "The Skipwith plant is the true *H. repens*, Koch, with fully developed general involucre."—J. T. Boswell.

Helosciadium '*repens*, Koch' (near *crassipes*, Koch, F.A.Lees). Haxey, Lincoln, August, 1881.—G. WEBSTER. "This is *H. nodiflorum* var. *ochreatum*, DC. Boreau, Fl. du Centre de la France. Ed. III., p. 269. I have not specimens of *H. crassipes*, but the specimens do not at all accord with the descriptions given in Godr. and Gren."—J. T. Boswell.

Helosciadium '*Moorei*'? Among grass by the side of a little rill flowing into the Quoile river, Downpatrick, Ireland, July, 1880.—S. A. STEWART. "The *Moorei* which I place under *inundatum*."—C. C. Babington. "This is not at all like my *H. inundatum* var. *Moorei*. It is a luxuriant state of *ochreatum*, approaching the normal form of *H. nodiflorum*."—J. T. Boswell.

Œnanthe Lachenalii, var. with occasional tuberous rootlets, as well as the ordinary fusiform cylindrical ones. Dykes, by rails, near Towton, W. Yorkshire, August, 1881.—F. A. LEES. Fulford Marsh, Berkshire, August, 1881.—G. C. DRUCE. Brading Harbour, Isle of Wight, July, 1880.—T. BUTLER. "The two last quite the typical form."—F. A. Lees.

Peucedanum Ostruthium, L. By streamside, Langstrothdale, Upper Wharfedale, M.W. Yorks., June, 1876.—F. A. LEES.

Chærophyllum sativum, Lam. Rocks near Ross, Hereford, June, 1881.—B. M. WATKINS.

Galium Mollugo, L., var. b. *insubricum*. Fallow field, near Ashwell, Herts, July, 1881.—E. DE CRESPIGNY. "A very unsatisfactory specimen. It may be *erectum*."—C. C. Babington. "Certainly not *insubricum*. I would call it *G. erectum*."—J. T. Boswell.

Galium Mollugo, L., var. *Bakeri*. Lower Green, Helston, Cornwall.—JAS. CUNNACK. "This is not typical *Bakeri*, but a form intermediate between it and *G. insubricum*."—J. T. Boswell.

Valeriana Mikanii, E. B. Erith Hill, and wood near Compton, on ground apparently dry, 1867.—H. C. WATSON. Rail-bank, Hill Wootton, Warwick, July, 1881.—R. L. BAKER; and also H. BROMWICH. "Watson's plant, I think, is typical *officinalis*."—C. C. Babington.

Valeriana sambucifolia, Mik. Damp ground near Oxshott, Surrey, 1867.—H. C. WATSON.

Valerianella dentata, var. *mixta*. Telegraph field, Claygate, Surrey, 1875.—H. C. WATSON.

Carduus tenuiflorus, Curt., var. (*C. pycnocephalus* Jacq.?). Slopes under the Hoe, Plymouth, 7th June, 1881.—T. R. A. BRIGGS.

Carduus palustris × *heterophyllus*. (*C. Carolorum* Jenner.) Root from Glen Garry. Cultivated at Balmuto.—J. T. BOSWELL. A single specimen.

Carduus '*nutanti-crispus*.' Roadside, Cumnor, Berks.—G. C. DRUCE. Only two specimens. "I should so name it."—J. T. Boswell. "Is what I call *acanthoides*."—C. C. Babington.

Carduus arvensis, b. *setosus*. Field near Finchley Road, Stn., Middlesex, July, 1881.—E. DE CRESPIGNY. "Not quite like my

specimens; but such plants usually vary considerably."—C. C. Babington. "This I consider true *setosus*."—J. T. Boswell.

Arctium intermedium, Lange. Harnage, Salop.—T. BUTLER. Field borders in limestone, Wetherby and Stutton, W. Yorks, July, 1881.—F. A. LEES. "Is not this a lateral branch, and the leaf a stem-leaf, not a radical leaf? I think the name is correct."—C. C. Babington.

Arctium nemorosum, Lej. Cult. Hort., Sellack, from seed of a specimen sent to Ex. Club by Mr. Blow.—A. LEY.

Saussurea alpina, DC. Hoy Hill, Orkney, 18th August, 1881.—W. I. FORTESCUE.

Centaurea nigra, b. *decipiens*. Freshwater Down, Isle of Wight, 24th October, 1881.—F. STRATTON.

Artemisia vulgaris, b. *coarctata*, Forcel. Hedgebanks, Alveston Heath, Warwick, August, 1881.—J. E. BAGNALL.

Bidens cernua, b. *radiata*. Lindow Common, Cheshire.—H. SEARLE.

Taraxacum officinale, var. *lævigatum*. Chesterton, near Warwick, June, 1881.—R. L. BAKER. Heath, near Cusop Hill, Herefordshire, 8th June, 1881.—A. LEY.

Hieracium Gibsoni, Back. Rare on the limestone scar at Giggleswick, W. Yorks.—J. C. MELVILL.

Hieracium vulgatum, var. *rubescens*, Back.? Giggleswick Scar, W. Yorks., 13th Aug., 1881. The only varieties I observed in the locality; sent for distribution in the hope that they may prove to be the var. d. of Backhouse, for which Giggleswick is one of the two recorded localities.—J. C. MELVILL.

Hieracium vulgatum, var. *maculatum*. Cult. hort. Root from Cheviots, from Mr. Brotherston.—A. BENNETT.

Hieracium gothicum, Fr., approaching *H. tridentatum*. Near Downhill, Glen Devon, Perth, August, 1881.—J. T. BOSWELL.

Hieracium gothicum, Fr. Broad leaved form, near Downhill, Glen Devon, Perth, August, 1881.—J. T. BOSWELL.

Hieracium sp. Cult. hort. Root from Mr. Brotherston, named *gothicum*, var. *latifolium*.—A. BENNETT. "Mr. Bennett's plants I should not call *boreale*: see the upper leaves. The person who called it *gothicum* was probably correct."—C. C. Babington.

Hieracium umbellatum, Vill. Birkdale Sandhills, Lanc., 4th Sept., 1880. The narrow-leaved form referred to in Report for 1880, p. 33.—C. BAILEY.

Hieracium corymbosum, Fr. Banks of river Foyers, Lochness, 6th Aug., 1881.—F. TOWNSEND. "I would name this *H. strictum*."—J. T. Boswell.

Hieracium Dewari, Sy. Above Burnfoot Mill, Glen Quay, Glen Devon, Perth., Aug, 1881.—J. T. BOSWELL.

Hieracium sp. River bank, Seathwaite, Lake Lancashire, Aug., 1881.—A. LEY. "I hesitate between *gothicum* and *crocatum*."—J. G. Baker. "I believe *boreale*."—C. C. Babington. "This is *H. corymbosum*."—J. T. Boswell.

Campanula glomerata, var. *nana*, Bailey. *Vide* Proceedings of Manchester Literary and Philosophical Society, Vol. XXII., page 73. Downs, s. side of Alum Bay, Isle of Wight, 13th July, 1881.—C. BAILEY.

Arctostaphylos alpina, Spreng. Wart Hill, Hoy, Orkneys, 18th August, 1881.—H. H. JOHNSTONE. Also from W. I. FORTESCUE, 18th August, 1881.

Pyrola rotundifolia, L.? *arenaria*, Grand Mare, Guernsey.—J. E. SUNDERLAND. "*Arenaria*, I think."—J. T. Boswell.

Erythræa littoralis, Fr. Munlochy, Cromarty, East Ross, July, 1881.—G. C. DRUCE. New vice-co. Record.

Erythræa Centaurium, Pers., var. *capitata*, Koch. On grassy slopes on the cliffs above the South Stack Lighthouse, near Holyhead, 22nd September, 1881; and near the ruins of Langwfen Church, near Aberffraw, W. Anglesea, 24th September, 1881.—C. BAILEY. "Mr. Bailey remarks that some specimens, especially those from last-named station, are reduced in stature so much as to form quite a button-like head, surrounded by a rosette of leaves, and closely simulating in appearance the lately recorded *sphærocephala* of Afton Down, of which examples have been sent out in nearly every parcel."—F. A. Lees.

Erythræa pulchella, Fr.? Near Munlochy, Cromarty, East Ross.—G. C. DRUCE. "Is *E. littoralis*."—J. T. Boswell.

Cuscuta Epilinum, Weihe. Flaxfield, Bishop Auckland, Durham, 6th August, 1881.—J. P. SOUTTER.

Lycium barbarum, L. Sprowston, Norfolk, September, 1881.—E. F. LINTON. And Barningham, Suffolk, June, 1881.—J. D. GRAY.

Verbascum Blattaria, L. Hill near Kenley Common, Cressage, Salop. T. BUTLER.

Mimulus guttatus. In a brook between Kintail and Ben Attow, West Ross. Well-established; about a quarter of a mile from a cottage.—G. C. DRUCE.

Euphrasia officinalis, L. Berwyn, Denbigh.—T. BUTLER.

Euphrasia officinalis, L. Carnedd Llewellyn, Caernarvon.—T. BUTLER.

Euphrasia officinalis, L. Pasture, Bircham, Egg Buckland, S. Devon.—T. R. A. BRIGGS.

Euphrasia officinalis, L. Eglandular variety. Grassy places on rocky coast, close to sea, near Oban, Argyle, 8th Aug., 1881. The glandular form grows abundantly in the pastures around Oban, and in those close to where the eglandular form occurs. The former grows on the flat pastures beyond the edge of the cliffs; the latter on the declivities facing the sea, and below the edge of the cliffs.—F. TOWNSEND.

Euphrasia officinalis, var., large flowered form. Pastures, Skaill, Sandwick, Orkneys, 19th Aug., 1881.—H. H. JOHNSTONE.

Euphrasia officinalis, L. var. Roadside, Helston Down, Cornwall August, 1881.—JAS. CUNNACK.

Euphrasia gracilis, Fr. Moors around Foyers, Loch Ness. Only two forms of *Euphrasia* occur at Foyers, both of them abundantly, 30th July, 1881. I could detect no intermediate forms. The plant growing where the heather had been cleared, and where the principal herbage was grass, was the glandular form, and which I should call *Euphrasia officinalis*. The plant growing on the uncultivated moors, where heather abounded was *Euphrasia gracilis*.—F. TOWNSEND.

Euphrasia officinalis b. *gracilis.* Balsall Common, Warwick, Sept., 1881.—R. L. BAKER.

Euphrasia montana, Jord. Pasture, Bircham, Egg Buckland, S. Devon.—T. R. A. BRIGGS.

Rhinanthus major, Ehrh. Holm Cultram, Cumberland.—R. WOOD.

Orobanche amethystea, Th. In the sand of St. Helen's Spit, Brading Harbour, Isle of Wight, July, 1881.—C. BAILEY.

Mentha sylvestris, L. North Leigh, Oxford, August, 1881.—G. C. DRUCE. Pra Green, Helston.—J. CUNNACK.

Mentha pubescens, Willd. a. *palustris.* Pra Green, Helston, subglabrous form, August, 1881.—J. CUNNACK.

Mentha pubescens, Willd. Form approaching *M. sylvestris.* Pra Green, Helston, August, 1881.—J. CUNNACK.

Mentha pubescens, Willd. var. Chypons, Mullion, Helston, September, 1881.—J. CUNNACK. "All three forms of *Mentha pubescens* join really under it."—J. G. Baker. "I think the Chypons specimen is *M. pubescens*, growing in a shady place."—J. T. Boswell.

Mentha 'subglabra.' Ditch near Haseley, Warwickshire, August, 1881.—H. BROMWICH. And 20th August, 1881.—R. L. BAKER. "I would name *H. cardiaca.*"—J. T. Boswell.

Mentha sativa, L., var. *subglabra*, with sub-spicate inflorescence. Pond by the Avon, below Diptford, S. Devon.—T. R. A. BRIGGS.

Mentha 'sativa?' Waste ground by roadside, Marston, Oxford; from near the locality where Mr. Boswell gathered *M. cardiaca.* (See E. B.) Odour more like that of *viridis* than *sativa.* From its habitat, near gardens, it may be some starved cultivated form.—G. C. DRUCE. "I expect *cardiaca*, but specimen not good enough to be sure."—J. G. Baker.

Mentha arvensis, L., var. Harrogate, W. Yorks., 26th August, 1881.—E. F. LINTON.

Thymus Serpylium, Fr. var. Snowdon, Caernarvon.—T. BUTLER.

Origanum vulgare, b. *prismaticum* (*megastachyum*). The Warren, Folkstone, Kent.—J. C. MELVILL. "The ordinary variety of *vulgare* is the common plant of The Warren, but a form is frequent with elongated spikes, which stands midway between it and the true *prismaticum* from Tintern. I distributed specimens of the most extreme Folkestone form with the plants of 1878."—Charles Bailey.

Stachys palustris × *sylvatica*, but much nearer *palustris* than is true *ambigua*, Sm. Growing only a few yards from *S. palustris*, between Plympton and Plymstock, South Devon.—T. R. A. BRIGGS. Hedgebank of field in which *S. palustris* grew, Kirk Deighton, West Yorks.—F. A. LEES. "The plant sent by Mr. Briggs I believe to be a form of *S. palustris* with stalked leaves. The Yorkshire plant is probably a hybrid as Dr. Lees supposes, but nearer *S. palustris* than Smith's plant"—J. T. Boswell.

Galeopsis bifida, Bönn. Balmuto, Fife, Aug., 1881. J. T. BOSWELL; and Swanbister Orkney, 9th Sept., 1881.—W. I. FORTESCUE. "Very difficult to distinguish when dry."—C. C. Babington.

Lamium album, L., *flore rubello.* Kew, Surrey, June, 1881.—J. G. BAKER. See a paper by Dr. J. E. Gray, in Vol. I. of Seeman's *Journal of Botany.*

Symphytum sp. Lane End, Lake Lancashire, 22nd Aug., 1881.—A. LEY. "*Orientale.*"—J. G. Baker. "I cannot name this with certainty. It looks like *peregrinum* in a weak state."—C. C. Babington. "*S. asperrimum.*"—J. T. Boswell.

Plantago Timbali, Jord. Buckden, Hunts, Aug., 1877.—E. F. LINTON. Clover field, St. Weonard's, Hereford, 15th July, 1879.—A. LEY.

Amaranthus Blitum, L. Stoke-by-Nagland, Suffolk. Collected by J. D. Gray, August, 1881.—E. F. LINTON. "I am not quite clear about the species; all *Amaranthi* are escapes, and several allied species have been found."—C. C. Babington.

Blitum virgatum, L. Surrey side of Thames, between Kew and Richmond, July, 1881.—J. G. BAKER.

Chenopodium glaucum, L. Corner of field by the Paddington Canal, Sudbury, Middlesex, August 1881. Old Dunghill Lane, borders of Epping Forest, near Woodford, Essex, 1881.—E. DE CRESPIGNY.

Atriplex erecta, E.B. Cornfield, Warwick, Old Park, Sept., 1881.—R. L. BAKER. Hatton, Warwick, September, 1881.—H. BROMWICH. "Yes. The varieties in London Cat. are a distinction without a difference."—C. C. Babington. "*A. patula*, var. *serrata*, E.B., Ed. III."—J. T. Boswell.

Atriplex sp. Shore beyond Steephill Castle, Isle of Wight.—T. BUTLER. "It is *A. laciniata*, Koch, non Smith. Three plants of it were found between Copperas Gap and Southwick, by the Hon. J. Leicester Warren, in 1875. See Journal of Botany 1875, p. ~~3~~, and 336
Report Bot. E. Club, 1875."—J. T. Boswell.

Rumex rupestris, Le Gall. Whitsand bay, Cornwall, 31st August, 1877, and 10th July, 1878.—A. LEY.

Rumex rupestris × *pulcher*? Cult. at Balmuto, seed from near Plymouth (Briggs).—J. T. BOSWELL.

Rumex conspersus, Hartm. Near Downhill, Glen Devon, Perth. August, 1881.—J. T. BOSWELL. Barnes, Roxburgh, August, 1876, Rather common on Tweedside; in some parts plentiful.—A. BROTHERSTON.

Rumex scutatus. By Paddington Canal, near Sudbury, Middlesex, August, 1881.—E. DE CRESPIGNY. "Is *Atriplex hortensis.*"—J. T. Boswell.

Polygonum aviculare, L., var. *agrestinum?* Among beans and barley, Whiston's Farm, Claygate, Surrey, July, 1871.—H. C. WATSON. "Unquestionably."—J. T. Boswell.

Polygonum aviculare, L., var. *microspermum.* Mitcham Common, Surrey, Oct., 1881.—A. BENNETT.

Polygonum maritimum, L. Hollows between sandhills, "The Burrows," Braunton, North Devon, July, 1881.—W. B. WATERFALL. And from same station, August 1st, 1881.—T. B. FLOWER. "Is *P. Raii.*"—C. C. Babington.

Polygonum Persicaria, b. *elatum.* Haseley, near Warwick.—R. L. BAKER. "Should be *P. Persicaria* var. *elatum.* I do not know how the varietal name *elatum* found its way into the London Cat.; but I am not altogether satisfied concerning the name of this specimen; its appearance is that of *maculatum*, and perhaps that is

its true name, although the glands are few or wanting."—C. C. Babington.

Polygonum maculatum, Dyer and Trimen. *(P. nodosum. P. laxum.)* Ditton Marsh, Surrey, 1880.—H. C. WATSON.

Daphne Mezereum, L. Amongst bushes on a steep, stony hillside, apparently truly wild, near Alstonfield, Stafford, 19th March, 1878.—W. H. PURCHAS.

Ulmus montana, Sm., var. *nitida*. Near Much Dewchurch, 1st July, 1881, and Treago (planted), 23rd April and 22nd Sept., 1881, Hereford.—A. LEY.

Quercus intermedia ? By the road from St. Budeaux to Tamerton Foliol, South Devon.—T. R. A. BRIGGS.

Salix alba, L., var. *vitellina*. Myton, Warwick, May and Sept., 1881.—H. BROMWICH. 26th Aug., 1881.—R. L. BAKER. Hedge near Warwick. Also near Wolverhampton, May and Aug., 1881. Pulley Common, Shropshire, 23rd May and 9th June, 1881.—J. FRASER.

Salix triandra, L. By the Hutt pond, Ockham, Surrey.—H. C. WATSON.

Salix triandra, L., var. *Hoffmanniana*. River side, Sellack, Hereford, 12th May and 10th Sept.—A. LEY. Radford, Warwick, Aug. and May, 1881.—R. L. BAKER; and May and Sept., 1881, from same locality.—H. BROMWICH.

Salix purpurea, L. Shrubs by brook, Bilbrook, Stafford, April and August, 1881.—J. FRASER.

Salix purpurea, L., var. By the Thames towing path, near Sunbury Lock, Surrey.—H. C. WATSON.

Salix rubra, Huds.? By Newark Mill, Surrey, July, 1870.—H. C. WATSON. "Leaves only."

Salix viminalis, L., var. *intricata*. River bank, Sellack, 18th April and 10th September, 1881.—A. LEY. "I believe this to be *Salix viminalis*, var. *genuina ; intricata* has broader leaves."—J. T. Boswell.

Salix Smithiana, Willd. Honiley, Warwick, 15th April and August, 1881.—R. L. BAKER. Kenilworth, Warwick, April and September, 1881.—H. BROMWICH. — Hedge, Llangarren, Hereford, 6th May and 1st October, 1881.—A. LEY. Near Bilbrook, Stafford, May and August, 1881.—J. FRASER. "The Honiley plant, I think, is to be referred to *Salix rugosa*."—J. T. Boswell.

Salix holosericea, Willd. Koch; non Hook. Two small trees or shrubs 10 to 15 feet high, by side of small pool, Field House, Tettenhall, near Wolverhampton, May and August, 1881.—JOHN FRASER. "I consider your plant to be *Salix holosericea*, Willd.; not Hook. I never saw a British specimen before. It would be very interesting if you discover the female," November 8th, 1881.—J. E. Leefe. "I have no doubt of your plant being true *Salix holosericea*. Willd."—J. T. Boswell.

Salix acuminata, Sm. Shrewley pool, Halton, near Warwick, 15th April and 16th August, 1881.—R. L. BAKER, and April and August, 1881.—E. A LOMAX. "I think referable to *S. rugosa*."—J. T. Boswell.

Salix cinerea, L., var. *aquatica*. By railway, between Winchfield

and Fleet stations, Hants, 1876.—H. C. WATSON. Kenilworth, May and September, 1881.—R. L. BAKER.

Salix cinerea, L., var. *oleifolia*. Wet place, Great Doward Hill, Hereford, 11th October, 1881.—A. LEY.

Sparganium affine, Schneiz. Moat round standing stones of Stennes, Orkney, 8th Aug., 1881. Sent by W. I. FORTESCUE and H. H. JOHNSTONE.

Sparganium minimum, Fr. Wybunbury bog, Cheshire, July, 1881.—J. FRASER. Old peat holes, Gordon Moss, Berwick, plentifully, June, 1880.—A. BROTHERSTON.

Arum italicum, Mill. St. Aubin's, Jersey, July, 1881.—J. E. SUNDERLAND.

Potamogeton rufescens, Schrad. Canal, Aldershot, North Hampshire. Sent to confirm new record for above county. (See *Journal of Botany*, 1881, p. 279.)—W. H. BEEBY.

Potamogeton lucens, L., var. *decipiens*. In the Wye, near Sellack, Hereford, 28th July, 1881.—A. LEY.

Potamogeton crispus, L., *cum hybernacula*. Mitcham, Surrey, May, 1881.—A. BENNETT.

Potamogeton serratus, Huds. River Wey, Guildford, Surrey, July, 1881. I send a few specimens of the above. In the paragraph referring to it in *J. of Bot.*, 1881, p. 279, the word 'growth' should read 'youth.'—W. H. BEEBY. Whitchurch, Oxford, June, 1880.—G. C. DRUCE.

Potamogeton mucronatus, Schrad. Canal, Aldershot, North Hants, and between Billingshurst and Pulborough, W. Sussex; sent to confirm new record for above counties. (See *J. of Bot.*, 1881, p. 279).—W. H. BEEBY.

Potamogeton pusillus, L., var *tenuissimus*. Canal, Aldershot, Surrey, 31st July, 1881.—W. H. BEEBY. Old brick ponds at York, August, 1881.—G. WEBSTER. "Not a species. Named as a variety first by Mertens and Koch."—C. C. Babington.

Potamogeton pectinatus, L. Canal, Warwick, 5th August, 1881. R. L. BAKER. "The Warwick specimen is singularly slender, but probably correct."—C. C. Babington.

Zannichellia macrostemon, Gay. In the Isis, Oxford, June, 1881. G. C. DRUCE. Dyke by rail, near Towton, mid-west Yorks., in flower, not fruit, August, 1881.—F. A. LEES. "Both dubious."—C. C. Babington.

Actinocarpus Damasonium, Hook. with submerged phyllodia. Mitcham Common, Croydon, Surrey, May, 1881.—A. BENNETT. "Without floating leaves, though I see one coming. Very curious."—C. C. Babington.

Orchis Simia, L. Whitchurch, Oxon. Very rare. May, 1881.—G. C. DRUCE.

Neottia Nidus-avis, Rich. Pitchcombe Wood, Gloucester, June 18th, 1881.—J. COSMO MELVILL.

Iris Pseudacorus, L. var. Damp meadow, Inworth, Essex, July, 1881.—E. G. VARENNE.

Polygonatum officinale, All. Beeston Tor, North Stafford, 14th June, 1879.—A. LEY. Dovedale, Derbyshire, June, 1880, and June, 1881.—W. H. PURCHAS.

Ornithogalum nutans, L. Offchurch, Leamington, April, 1881.—R. L. Baker

Luzula albida, DC. From plant collected at Bletchingley, Surrey; cultivated at Reigate. W. H. Beeby and A. Bennett.

Juncus lamprocarpus, Ehrh. var. *nigritellus*, E.B. In damp sandy places on the coast below Harlech Castle, W. Merionethshire, 19th July, 1880. (See Report, 1880, p. 37.)—C. Bailey. "I think so."—C. C. Babington.

Juncus compressus, Jacq. Thames side, Weybridge, Surrey.—H. C. Watson.

Rhyncospora alba, var. *sordida*. Trelleck bog, Monmouthshire, 19th Aug., 1876.—A. Ley.

Scirpus parvulus, R. and S. Christchurch, Hants, 10th Aug., 1881.—Bolton King. "Appears to me *S. acicularis*, with the glumes without the reddish brown on each side of their green keel."—J. T. Boswell.

Eriophorum elatius, Koch. Bog by canal, Pirbright, Surrey. W. H. Beeby.

Carex pilulifera, var. *saxumbra*, Lees (1880); (*Leesii*, Ridley). Shady rocks by lake at Plumpton, M.W. Yorkshire.—F. A. Lees. "Certainly a most remarkable form, the glumes are so totally unlike those of ordinary *pilulifera*. It is desirable the plant should be cultivated to see if it be not distinct."—J. T. Boswell.

Carex Pseudo-cyperus, L. Old river bed, Witton-le-Wear, Durham, 6th Aug., 1881.—J. P. Soutter.

Setaria viridis, Beauv., Kew, Surrey.—J. G. Baker. "Is *S. glauca*. The plant sent by Dr. Eyre de Crespigny from waste ground by the Paddington Canal, is, I believe, *glauca*."—J. T. Boswell.

Anthoxanthum Puelii, L. et L. Wolborough, South Devon, on Down between the Church and Newton Abbott, 8th June, 1881. In gravelly soil, lately disturbed, June, 1881; also in a barren enclosure on Canonteigh Down, 6th Oct., 1881.—W. M. Rogers. In a field by Weston Green, parish of Thames Ditton, Surrey, Sept., 1879. Among sown white clover and grasses.—H. C. Watson.

Alopecurus sp. Bottesford to Belvoir Castle, Leicester.—E. F. Linton. "I have examined it carefully, and from its size (4 feet), villose-ciliate united glume, long awn, and creeping runners, I call it *nigricans* Hornem."—F. A. Lees.

Agrostis interrupta, L. Barnham, Norfolk, 25th August, 1879. E. F. Linton.

Aira cæspitosa, L. var. *brevifolia*. Summit of Lochnagar. S. Aberdeen, 15th July, 1871.—A. Ley.

Avena strigosa, Schreb. Among barley, in a field near the rectory, Long Ditton, Surrey, 1880.—H. C. Watson.

Avena fatua, L, var. *pilosa*. Cornfield, Whitnash, Warwick, September, 1881.—H. Bromwich.

Poa nemoralis, var. Ben Lawers. Perthshire.—E. F. Linton. "I should name it *P. Balfourii*."—J. T. Boswell.

Poa 'nemoralis, L., between type and *Balfourii*.'—J. G. Baker. The Cliffs of Carnedd Dafydd, Caernarvon.—A. Ley. "I do not see the connection with *Balfourii*."—C. C. Babington.

Poa glauca, Sm.? Cliffs of Carnedd Dafydd, Caernarvon. Very

glaucous; not at all cæspitose, 13th August, 1878.—A. LEY. "I should name it *Balfourii*."—J. T. Boswell.

Poa Balfourii, Bab. Rocks at the head of Hartsop beck, Westmoreland, 7th September, 1880.—A. LEY.

Festuca 'Myurus,' L.? Border of sown grass field, Smithy Mill, Adel, M.W. Yorks.—F. A. LEES. "Is *F. sciuroides*."—J. T. Boswell.

Festuca ovina, var., *major*. Hill Wootton, Warwick, June, 1881—R. L. BAKER; and July, 1881—H. BROMWICH, "Why *major?*"—C. C. Babington.

Festuca ovina, var., *glauca*. Rough pasture, Treverannen, Hereford, 25th June, 1881.—A. LEY.

Bromus erectus, var. *villosus*. Whitnash, Warwick, June, 1881.—R. L. BAKER.

Bromus maximus, L. and *B. tectorum*, L. With Sainfoin in field, Sprowston, Norfolk, 2nd June, 1881.—E. F. LINTON.

Bromus secalinus, L. var. *velutinus*. Cult. field, Breinton, Hereford, 21st July, 1880.—A. LEY. Whitnash, Warwick, Sept., 1881. H. BROMWICH. Chessington, Surrey, 1880.—H. C. WATSON. "I think not; but *velutinus* is probably a very inconstant form of *secalinus*."—C. C. Babington.

Bromus mollis, L. var. *Lloydianus*. Turf walls running down to sea, Helston, Cornwall, 10th July, 1879.—J. FRASER. Garden, Thames-Ditton, 1876, and garden, 1877.—H. C. WATSON. "Watson's naming must stand. I know very little about it."—C. C. Babington.

Asplenium 'Germanicum, Weiss.' Pass of Llanberis, Caernarvon, June, 1870.—T. BUTLER. "I consider a form of *septentrionale*. The true plant grows on some nearly inaccessible rocks high up Llanberis Pass in very small quantity. I have myself seen it there."—C. C. Babington.

Nephrodium dilatatum, var. *collinum*. Cult. fronds, from roots found some years ago on rocks in Tilberthwaite, and named *collinum* by Mr. Newman.—E. A. LOMAX. "Possibly. But I have doubts." C. C. Babington.

Ophioglossum 'ambiguum.' L'Ancresse Common, Guernsey, July, 1881. Mr. Charles Bailey says:—"I should name these plants *ambiguum*, which, if correct, is an interesting discovery."—J. E. SUNDERLAND. "A luxuriant state of *O. ambiguum* I believe."—J. T. Boswell.

Equisetum palustre, var. *subnudum*. Damp hollows, sand hills, Braunton Burrows, N. Devon, July, 1881.—W. B. WATERFALL.

Chara sp. Freshwater hollows among the sandhills by Birkdale Palace Hotel, south of Southport, Lancashire.—J. H. LEWIS. "*Tolypella glomerata*, Leonh. Interesting as westward extension of the range of this species in England."—H. and J. Groves.

Lychnothamnus alopecuroides, Braun. Growing (abundantly 14th July, 1881) with *Ruppia spiralis*, in a disused saltern, near the Coastguard Station, on the east side of the creek at Newtown, Isle of Wight. (See "Proceedings of the Manchester Literary and Philosophical Society," vol. xxi., p. 74.)—C. BAILEY.

Chara vulgaris, var. c. *papillata*, Wallr. Stagnant pool, Itchington Holt, Warwickshire. Confirmed by Mr. James Groves as an extreme state of the abovenamed variety.—J. E. BAGNALL.

Chara hispida, var. Market Weston, Suffolk.—E. F. LINTON. In some cases the primary cortical cells, though less prominent, are larger than the secondary. It would be desirable to see fresh specimens."—H. and J. Groves.

Chara aspera, Willd. Frensham little pond, Surrey, July, 1881. W. H. BEEBY. Pulright and Woking, Surrey, July, 1881.—A. BENNETT.

Chara fragilis, Desv. Pond at Leigh, near Tunbridge, West Kent, April, 1881; pond, Outwood, Surrey, 14th May, 1881 (collected by E. Straker); Gordon Moss, Berwickshire, 26th July, 1881 (collected by Mr. Renton).—A. BENNETT.

Chara sp. Near Land's End, Cornwall.—E. F. LINTON. "*Chara fragilis*, Desv."—H. and J. Groves.

Chara sp. Near Sennen, Cornwall.—W. R. LINTON. "*C. fragilis*, var. *capillacea*."—H. and J. Groves.

Chara fragilis, var. *delicatula*. Shore of islands in Loch of Harray, Orkney.—W. I. FORTESCUE. "Yes."—H. and J. Groves.

Chara fragilis, Desv. approaching b. *barbata*. Pools N.W. of Standing Stones of Stennes, Orkney.—W. I. FORTESCUE. "Yes." —H. and J. Groves.

CORRECTIONS IN REPORT, 1880.

Page 31, line 10, for "Serquoy" read "Lerquoy."
" 33, " 2, 6, and 8, for "J. B. T. Fortescue" read "I. B. I. Fortescue."
" " " 8, for "Regal" read "Pegal."
" 34, " 38, for "Johnson" read "Johnston."
" 39, " 25, for "Ryosa" read "Ryssa."
" " " 26, for "Zinksness" read "Linksness."
" 41, " 28, for "Pyat" read "Pegal."
" " " 29, for "J. B. T. Fostescue" read "I. B. I. Fortescue."